**ITGS Portfolio**

**Introduction**

The portfolio consists of three pieces of work, each based on a different news item, and produced as a result of research and discussion. The use of a news item as the basis of the piece of work is to encourage candidates to examine the impact of IT on everyday events at the local, national and global level. The emphasis is on the social and ethical considerations arising from the widespread use of IT in society. Candidates should apply the methodologies for analyzing the social impacts and ethical considerations of IT provided in the syllabus details. The three sections of the syllabus can be integrated very effectively in the pieces of work produced for the portfolio.

**Requirements**

* The portfolio consists of three pieces of written work.
* Each piece of work must be based on a different area of impact as specified in section 3 of the syllabus.  
    
  3.1 Business and employment   
  3.2 Education   
  3.3 Health   
  3.4 Arts, entertainment and leisure   
  3.5 Science and the environment   
  3.6 Politics and government
* Each piece should be 800 1000 words in length. The list of references under criterion E is not included in the word count.
* Each piece must be based on a news item published not more than six months prior to the commencement of the course and written in the working language of the school.
* Candidates should select their own news items, although teachers can direct them to appropriate sources. Candidates may use the same news item for their stimulus material but collaborative work is not allowed. News items used as the basis for class discussion must not be used for the individual candidate's piece of work.
* The news item can be taken from any published source (newspaper, journal, the Internet) and should be a short article or extract.
* The candidate's piece of work must focus on the content and context presented in the news item. For example, if the news item is about the use of an IT system in a hospital and the candidate identifies social and ethical issues related to security and integrity of data, these must be examined in the context of a hospital as presented in the news item. The piece of work must not be a general discussion of these issues in any situation.
* The news item must be attached to the piece of work. If a candidate uses selected parts of a longer article, these should be highlighted on the news item sent to the moderator.
* A mark of zero will be awarded if the piece of work is not based on a news item.

**Presentation**

* Each piece of work must address the assessment criteria A-E. The assessment criteria headings A-E must be used as subheadings in each piece of work which is included in the portfolio. This method enables candidates to present their work in a structured and coherent way.
* Each news item may raise one or more social or ethical issues related to an IT system and the candidate presents these issues under criterion A. It is essential that the candidate relates the issues to the specific context presented in the news item. Not every news item will present both social and ethical issues but across the three pieces of work in the portfolio the candidate must ensure that both social and ethical issues are examined. The social and ethical issues identified by the candidate are likely to fall into the categories in section 1 of the syllabus. However, developments in technoLogy may raise new and different issues and candidates can write about these as long as they are clearly identified and described. The candidate must always make it clear which area of impact (section 3 of the syllabus) the news item is linked to.
* Under criterion B the candidate presents the IT background of the issue, referring to concepts, developments and trends.
* Under criterion C the candidate considers the impact of the issue on society. This may be at the local, national or global level depending on the focus of the news item. The use of IT in a particular area is likely to bring both advantages and disadvantages which the news item may or may not discuss directly. The candidate should consider both advantages and disadvantages. It is important that the candidate identifies at least one problem related to the use of IT in this area of impact because this leads into criterion D.
* Under criterion D the candidate looks for two solutions to one problem identified in criterion C. At least one of the solutions must be IT related.
* It is essential that the candidate undertakes further research into the issues raised by the news item and a minimum of three other sources in addition to the news item should be used. A list of these further resources is provided under criterion E.

**Record Keeping**

Each portfolio piece must be presented in chronological order. The following information must be provided for each piece.

* Title
* Date completed
* Area of impact (section 3) to which the piece is related
* Number of words

**Assessing the Portfolio**

* The teacher must use the following criteria and their descriptors to assess the candidate's portfolio.
* The final mark for each criterion is not an average of the three pieces of work. Teachers should review the three pieces of work included in the portfolio and for each criterion award the mark that represents the level of achievement consistently reached by the candidate. The final mark for each criterion must have been achieved on at least one of the pieces of work in the portfolio.
* If any piece of work is obviously greater than the word limit, the external moderation will be based on the first thousand words.
* If less than three pieces of work are submitted the marks must be adjusted proportionally.
* The assessment weighting of this component is 20%.

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| 1st Marking Period **#1.**[**Bibliography Format Review**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/biblioreview/biblioreview.htm) **Due Date: Wednesday, September 20**  **#2.** [**Short Essay: Ethics and Technology**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/ethicstech/ethicstech.htm) **Due Date: Friday, September 29**  **#3.** [**Portfolio #1 - Internet Hazards**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/hazards/hazards.html) **Due Date: Wednesday, October 25** **2nd Marking Period** **#4: Digital Dark Age writing Due Date: Nov. 2**  **Portfolio #1 re-writes due by Wednesday, November 22**  **#5:** [**Technology News Podcast**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/techpodcast/techpodcast.htm) **Due Date: Friday, December 1**  **#6.** [**Portfolio #2**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/portfolio2/portfolio2.html) **Due Dates: Part A: Thurs. Jan 4 Part B: Tues Jan 9 Part C: Fri. Jan 12 Part D: Wed. Jan 17 Part E: Fri. Jan 19 Final Version: Thurs. Jan. 25**  **Homework Assignments: Digital Dark Age (Dec. 6) Censorship and Free Speech (Wed. Dec. 13) The Future of the PC (Mon. Dec. 18) Globalization (Thurs. Dec. 21)** **3rd Marking Period** **#7.** [**Communications PowerPoint Assignment**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/commpp/compp.htm) **Due Date: Friday, Feb. 9**  **#8.** [**Ethics in Telecommunications homework**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/info/ethicstelecom/ethicstelecom.html) **Due Wed. Feb. 28**  **#9.** [**Japanese cell phone technology globalization homework**](http://www.bodine.phila.k12.pa.us/kaufman/japanclass/technology/communications.html) **Due Friday March 2**  **#11. Globalization homework Both parts due Tues. March 13** **4th Marking Period** **#11.** [**Portfolio #3**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/portfolio3/portfolio3.html) **Due Dates:** **Criterion A: Monday, March 19 Criterion B: Wed. March 21 Criterion C: Fri. March 30 Criterion D: Wed. April 11 Criterion E: Fri. April 13 Final Version: Wed. April 18**  **#12.** [**All About Software**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/software/software.html) **Due Date: Tuesday, May 22**  **#13.** [**Best of the Web Worst of the Web PowerPoint presentation**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/bestworstweb/bestworst.html) **Oral presentations start: Wed. May 30** |

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| **IB Requirement Datesfor Class of 2008:**  [**Portfolio Paper #1**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/hazards/hazards.html)**: October 25, 2006**  [**Portfolio Paper #2**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/portfolio2/portfolio2.html)**: January 17, 2007**  [**Portfolio Paper #3**](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/assignments/portfolio3/portfolio3.html)**: Spring 2007**  **Portfolio Extension HL - Fall 2007**  **IB Exam: May 2008** |

ITGS PORTFOLIIO

## ****20% of final grade****

### ****The portfolio consists of three pieces of work, each based on a different news item, and produced as a result of research and discussion. The use of a news item as the basis of the piece of work is to encourage students to examine the impact of IT on everyday events at the local, national and global level.****

### ****The emphasis is on the social and ethical considerations arising from the widespread use of IT in society. Students should apply the methodologies for analysing the social impacts and ethical considerations of IT provided in the syllabus details.****

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## ****Assessment Criteria For The Portfolio****

### ****The portfolio is assessed against six criteria that are related to the assessment objectives of the ITGS course.****

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| **Criterion A** | **Presentation of the issue** | **4 marks** |
| **Criterion B** | **The IT background of the issue** | **5 marks** |
| **Criterion C** | **The impact of the issue** | **5 marks** |
| **Criterion D** | **Solutions to problems arising from the issue** | **5 marks** |
| **Criterion E** | **Selection and use of sources** | **2 marks** |
| **Criterion F** | **Expression of ideas relevant to the social issue** | **4 marks** |
|  | **Total** | **25 marks** |

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## ****Requirements****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****The portfolio consists of three pieces of written work.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Each piece of work must be based on a different**** [area of impact](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/areasofimpact.htm)****:****

### ****3.1 Business and employment****

### ****3.2 Education****

### ****3.3 Health****

### ****3.4 Arts, entertainment and leisure****

### ****3.5 Science and the environment****

### ****3.6 Politics and government****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Each piece should be 800-1,000 words in length. The list of references under criterion E is not included in the word count.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Each piece must be based on a news item published not more than six months prior to the commencement of the course and written in the working language of the school.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Students should select their own news items, although teachers can direct them to appropriate sources. Students may use the same news item for their stimulus material but collaborative work is not allowed. News items used as the basis for class discussion must not be used for the individual student's piece of work.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****The news item can be taken from any published source (newspaper, journal, the Internet) and should be a short article or extract.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****The student's piece of work must focus on the content and context presented in the news item. For example, if the news item is about the use of an IT system in a hospital and the student identifies social and ethical issues related to security and integrity of data, these must be examined in the context of a hospital as presented in the news item. The piece of work must not be a general discussion of these issues in any situation.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****The news item must be attached to the piece of work. If a student uses selected parts of a longer article, these should be highlighted on the news item sent to the moderator.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****A mark of zero will be awarded if the piece of work is not based on a news item.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/thinbluegreeline.gif

## ****Presentation****

### ****Each piece of work must address the assessment criteria A-E. The assessment criteria headings A-E must be used as sub-headings in each piece of work that is included in the portfolio. This method enables students to present their work in a structured and coherent way.****

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| http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Each news item may raise one or more**** [social or ethical issues](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/socialethical.htm) ****related to an IT system and the student presents these issues under criterion A. It is essential that the student relates the issues to the specific context presented in the news item. Not every news item will present both social and ethical issues but across the three pieces of work in the portfolio the student must ensure that both social and ethical issues are examined.**** |
| http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Under criterion B the student presents the IT background of the issue, referring to concepts, developments and trends.**** |
| http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Under criterion C the student considers the impact of the issue on society. This may be at the local, national or global level depending on the focus of the news item. The use of IT in a particular area is likely to bring both advantages and disadvantages that the news item mayor may not discuss directly. The student should consider both advantages and disadvantages. It is important that the student identifies at least one problem related to the use of IT in this area of impact because this leads into criterion D.**** |
| http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Under criterion D the student looks for two solutions to one problem identified in criterion C.**** |
| http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****It is essential that the student undertakes further research into the issues raised by the news item and a minimum of three other sources in addition to the news item should be used. A list of these further resources is provided under criterion E.**** |

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## ****Record Keeping****

### ****Each portfolio piece must be presented in chronological information must be provided for each piece:****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Title****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Date completed****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif[Area of impact](http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/areasofimpact.htm) ****(section 3) to which the piece is related.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****Number of words.****

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## ****Assessing The Portfolio****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****The final mark for each criterion is not an average of the three pieces of work. Teachers should review the three pieces of work included in the portfolio and for each criterion award the mark that best represents the level of achievement reached by the student at the end of the course. The final mark for each criterion must have been achieved on at least one of the pieces of work in the portfolio.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****If any piece of work is obviously greater than the word limit, the external moderation will be based on the first thousand words.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****If fewer than three pieces of work are submitted the marks must be adjusted proportionally.****

### http://www.bodine.phila.k12.pa.us/kaufman/ITGSweb/bulletsballgreen.gif****The assessment weighting of this component is 20%.****

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